controlling call admission based on the calculated load level,

wherein said calculating step recursively calculates updated load levels.

3. (Amended) A method of controlling call admission in a communications network, comprising:

calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

controlling call admission based on the calculated load level, wherein said calculating step estimates load level as a function of a measured change in power and a change in number of users.

5. (Amended) A method of controlling call admission in a communications network, comprising:

calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

controlling call admission based on the calculated load level,

wherein said calculating step recursively updates load level as a function of a change in number of users.

6. (Amended) A method of controlling call admission in a communications network, comprising:

calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

controlling call admission based on the calculated load level,

wherein said calculating step recursively updates load level as a function of a change in measured power.

9. (Amended) The method of claim 6, further comprising:

verifying a calculated load level before using the calculated load level in said controlling step.

13. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

control means for controlling call admission based on the calculated load level,

wherein said load calculating means recursively calculates updated load levels.

14. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

control means for controlling call admission based on the calculated load level,

wherein said load calculating means estimates load level as a function of a change in measured power and a change in number of users.

16. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

control means for controlling call admission based on the calculated load level,

wherein said load calculating means recursively updates load level as a function of a change in number of users.

17. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

control means for controlling call admission based on the calculated load level,

wherein said load calculating means recursively updates load level as a function of a change in measured power.

20. (Amended) The system of claim 17, further comprising:

verifying means for verifying a calculated load level before said control means uses the calculated load level.

Please add the following claims:

--24. (New) A method of controlling call admission in a communications network, comprising:

calculating a load level as a function of a change in measured power; and

controlling call admission based on the calculated load level.

25. (New) A method of controlling call admission in a communications network, comprising:

calculating a load level as a function of at least one of a change in number of users; and